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PAGE 01 STATE 208822

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DRAFTED BY NASA/LBPARKER:GMS APPROVED BY OES/APT/SA:IMPIKUS NASA/I/WGBASTEDO NASA/ERR/JRMORRISON JSC/TN3/NHARDEE EA/ANPTWADJA

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E.O,1652:N/A

TAGS: TSPA

SUBJECT: CLEARANCE REQUEST FOR FIELD TRIP RELATED TO ----- NASA SPONSORED RESEARCH

- 1. SUMMARY: CENTER FOR EARTH AND PLANETARY STUDIES, SMITHSONIAN INSTITUTION, WASHINGTON, D.C., PLANS FOUR RESEARC; TRIPS DURING FALL/WINTER 1976 IN SUPPORT NASA CONTRACT 9-13831. PURPOSE TO COLLECT GROUND TRUTH INFORMATION AND CHECK FIELD LOCALITIES TO ENHANCE PHOTOGEOLOGIC INTERPRETATION OF EARTH OBSERVATIONS AND PHOTOGRAPHY COLLECTED DURING 1975 APOLLO-SOYUZ TEST PROJECT (ASTP).
- 2. CAROL S. BREED, U.S. GEOLOGICAL SURVEY AND MUSEUM OF NORTHERN ARIZONA, FLAGSTAFF, AND WILLIAM J. BREED, CURATOR OF GEOLOGY, MUSEUM OF NORTHERN ARIZONA, FLAGSTAFF, WISH TO ONDUCT FIELD SURVEY IN AUSTRALIA SEPTEMOER 9 OCTOBER 2, 1976. WORK WILL 0E DONE IN SOUTHERN SIMPSON DESERT ADJACENT TO BIRDSVILLE TRACK SEPTEMBER 13-18 AND NORTHERN SIMPSON DESERT ADJACENT TO NEW TRACK FROM INDIANA STATION UNCLASSIFIED

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PAGE 02 STATE 208822

SEPTEMBER 21-25. THE PROPOSED FIELD TRIP WILL TEST THE

ASSUMPTION THAT CERTAIN INTERNAL STRUCTURES ARE ASSOCIATED WITH A PARTICULAR SURFACE FORM OF DUNES, INDEPENDENT OF

THEIR GEOGRAPHIC LOCATION. THIS ASSUMPTION NEEDS TESTING SINCE IT IS THE BASIS FOR MUCH OF THE GLOBAL APPLICATION OF SATELLITE OBSERVATIONS AND PHOTOGRAPHS TO GEOLOGIC STUDIES OF EOLIAN PROCESSES AND LANDFORMS.

3. EQUIPMENT TO BE IMPORTED INCLUDES:

2 BRUNTON COMPASSES
1 ABNEY HAND LEVEL
1 OPTICAL RANGE FINDER
2 CAMERAS AND EXTRA LENSES
100 SAND SAMPLE BAGS AND VIALS
1 PLANT PRESS
50 YDS. CHEESECLOTH
2 GAL. LIQUID LAYTEX

- 4. ROCK AND SAND SAMPLES AND PHOTOGRAPHS, AS WELL AS IMPORTED EQUIPMENT, WILL BE EXPORTED.
- 5. AUSTRALIAN PERSONNEL AND ORGANIZATIONS TO BE CONTACTED INCLUDE:

PROF. ROLAND TWIDALE
UNIVERSITY OF ADELAIDE
ADELAIDE, SOUTH AUSTRALIA;

DR. PAUL LAWSON
MUSEUM OF SOUTH AUSTRALIA
ADELAIDE, SOUTH AUSTRALIA;

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION (CSIRO), ALICE SPRINGS;

DR. NEVILLE STEVENS UNIVERSITY OF QUEENSLAND ST. LUCIA, BRISBANE QUEENSLAND, AUSTRALIA; UNCLASSIFIED

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PAGE 03 STATE 208822

DR. IAN DOUGLAS
UNIVERSITY OF NEW ENGLAND
ARMIDALE, N.S.W.
AUSTRALIA

6. FOR EMBASSY ACTION: PLEASE OBTAIN APPROVAL FOR RESEARCH

TRIPS, SITE SURVEYS, SAMPLE COLLECTIONS AND PHOTOGRAPHS OF SPECIFIC AREAS. ADVISE OF LOCAL INTEREST COOPERATION.

NASA REGRETS SHORT LEAD TIME. DUE TO UNFORESEEN CIRCUMSTANCES, ORIGINALLY REQUESTED SITE IN ARGENTINA NO LONGER FEASIOLE. EXPEDITIOUS HANDLING OF THIS REQUEST WOULD BE APPRECIATED. KISSINGER

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Message Attributes

Automatic Decaptioning: X Capture Date: 01 JAN 1994 Channel Indicators: n/a

Current Classification: UNCLASSIFIED Concepts: RESEARCH, GEOLOGIC SURVEYS

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Disposition Approved on Date: Disposition Authority: n/a Disposition Case Number: n/a Disposition Camment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a

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Review Comment: n/a Review Content Flags: Review Date: 24 MAR 2004

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Review History: RELEASED <24 MAR 2004 by ReddocGW>; APPROVED <27 JAN 2005 by morandr>

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Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MÁY 2006

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Secure: OPEN

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To: CANBERRA

Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006